

CROP WEATHER

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Agricultural Summary: Statewide there were 4.4 days suitable for fieldwork (see Table 2). Topsoil moisture was rated 15 percent very short, 41 percent short, 38 percent adequate, and 6 percent surplus. Subsoil moisture was rated 35 percent very short, 40 percent short, and 25 percent adequate. Subsoil moisture remains extremely low in Western and North Central Kansas.

Field Crop Report: Wheat condition was rated 6 percent very poor, 20 percent poor, 45 percent fair, 26 percent good, and 3 percent excellent. Root development is quite shallow in many drier areas and significant precipitation will be necessary to have a successful wheat crop. Three percent of the wheat is jointed compared to 6 percent last year and 5 percent for the 5 year average. Wheat freeze damage reports indicate 77 percent of the wheat with no damage, 16 percent with light damage, 6 percent with moderate damage, and 1 percent with severe damage. Reports indicate that 4 percent of Kansas wheat has been lost to winterkill. Warm weather last week moved most of the wheat crop out of dormancy. Reports of wind damage indicate 81 percent of the wheat with no damage, 15 percent with light damage, and 4 percent with moderate damage. Insect and disease infestation is mostly minimal, with 89 percent of the wheat with none, 10 percent with light infestation and one percent with moderate infestation. Grasshopper presence was noted in Thomas County and army cutworms were reported in Greeley County. Thirty percent of oats have been planted compared with 57 percent last year and 42 percent for the five year average.

Pasture and Range Report: Range and pasture conditions in western Kansas are very poor while State-wide conditions are rated 27 percent very poor, 29 percent poor, 33 percent fair, and 11 percent good. Stock water supplies are rated 26 percent very short, 31 percent short, and 43 percent adequate. Feed grain supplies are 5 percent very short, 17 percent short, 76 percent adequate, and 2 percent surplus. Hay and forage supplies are rated 12 percent very short, 36 percent short, 51 percent adequate, and 1 percent surplus. Many cattle continue to be fed hay and supplements or graze crop residue and wheat.

Cooperating Agencies Kansas State Research & Extension Service Weather Data Library, KSU Research and Extension Service Kansas Department of Agriculture

CROP CONDITIONS FOR WEEK ENDING 03/16/03

	Very Poor	Poor	Fair	Good	Excellent		
Wheat	-						
3/16/03	6	20	45	26	3		
3/9/03	6	20	43	28	3		
3/17/02	16	26	32	23	3		
Range & Pastur	e 27	29	33	11	0		

SOIL MOISTURE CONDITIONS FOR WEEK ENDING 03/16/03

	1		1								LAST	LAST
	NW	WC	SW	NC	C I	SC	NE	EC	SE	STATE	WEEK	YEAR
Suit. for Fieldwork	6.3	5.9	5.6	6.1	5.4	4.8	2.0	2.8	2.1	4.4	2.1	5.7
Topsoil Moistu	re (Pe	rcent	:)									
Very Short Short Adequate Surplus	35 57 8 0	32 56 12 0	40 44 16 0	28 66 6 0	12 46 42 0	0 28 72 0	8 55 36 1	1 36 60 3	0 0 68 32	15 41 38 6	14 45 38 3	27 46 26 1
Subsoil Moistu	re (Pe	ercent	:)									
Very Short Short Adequate Surplus	73 26 1 0	57 41 2 0	50 46 4	49 47 4	36 47 17 0	5 39 56 0	33 40 27 0	29 52 19	0 28 72 0	35 40 25	37 42 21	28 52 20

Temperature data not available.

PRECIPITATION FOR WEEK ENDING MARCH 16, 2003

Cheyenne O		v lins O	Decatur O	Norton O	Phillips O	Smith O	Jewell O	Republic O	Washing 0.15		o 0.0	٥	Donint	ian
Sherman O		omas O	Sheridan O	Graham O	Rooks O	Osborne O	Mitchell O	O Ottawa	Clay O	0.11	Pottawa O	Jackson 0.27 Shawnee	0.01	wyan 0.29
Wallace O	Loga O	n	Gove O	Trego O	Ellis O	Russell O	Lincoln O Ellsworth	0.22 Saline 0.03	Dickins O	Geary O Morris	Wabaun O	0.15	Douglas O	Johnson 0.51
Greeley O	Wichita O	Scott O	Lane O	Ness O	Rush O	Barton O	O Rice O	McPherson	Mario: O	Chas	Lyon O	O	Franklin O	Miami 0.53
Hamilton O	Kearny O	Fi	nney	Hodgeman O	Pawnee O Edwards	Stafford O	Reno O	Harve O		0	Greenwood	0.36	Anderson O Allen	0.18 Bourbon
Stanton O	Grant O	Haskell O	Gray O	Ford O	Kiowa 0.18	Pratt O	Kingman 0.16	Sedgwid 0.01	k	Butler O	0.05	1.65 Wilson 2.41	0.83 Neosho 0.79	0.17 Crawford 1.60
Morton O	Stevens O	Sew ard	Meade O	Clark O	Comanche 0.14	Barber 0.29	Harper 0.63	Sumne: 0.10		Cowley 0.26	0.51 Chautauq 0.96	Montgom 0.24	Labette 1.30	Cherokee 1.43